

Remarks

Claims 1-26 are now pending in this application. Claims 1-26 are rejected. Claims 1, 3, 13, and 15 have been amended. No new matter has been added.

In accordance with 37 C.F.R. 1.136(a), a three-month extension of time is submitted herewith to extend the due date of the response to the Office Action dated August 19, 2003 for the above-identified patent application from November 19, 2003 through and including February 19, 2004. In accordance with 37 C.F.R. 1.17(a)(3), authorization to charge a deposit account in the amount of \$950.00 to cover this extension of time request also is submitted herewith.

The rejection of Claims 1-26 under 35 U.S.C. § 102(e) as being anticipated by Adolfsson (U.S. Patent 6,092,078) is respectfully traversed.

Adolfsson describes a system for collecting data from one or more data providing means (3102) and providing the data to a node (3104) in a network (3110) (column 2, lines 55-58). In the case that the data providing means is controllable it can be controlled from the node (3104) or another node on the network (column 2, lines 58-61). All communication between the node and the data providing means is performed via a network enabling input output device (NEIOD) (3106) (column 2, lines 61-63). The data providing means can be, for example, a camera, a measuring transducer, a card reader, a control network, equipment for automation, a radiator etc. (column 2, lines 64-66). Some of the data providing means can be controllable (column 2, lines 66-67). The data providing means can be connected to the NEIOD directly, via a control unit, via a control network or a computer network (column 2, line 66 – column 3, line 3). In one embodiment, the NEIOD is a network server having the capability of receiving data from and transmitting data to the data providing means (column 3, lines 4-6). The NEIOD is arranged to provide the node with a communication module (3108), which is adapted for handling data regarding a specific data providing means (column 3, lines 6-9). In a preferred embodiment the communication module is an application or a Java applet (column 3, lines 9-11). The NEIOD is arranged to communicate with the communication module, when the module is active at the node (column 3, lines 11-13). The NEIOD can be connected

to a plurality of communication modules, arranged at one node or at a plurality of different nodes of the network (column 3, lines 13-16).

Claim 1 recites a method for communicating with a device including one of a programmable logic controller (PLC) and an input/output (I/O) device, the method comprising the steps of: interconnecting the device to a personal computer (PC) running a web browser, wherein said interconnecting includes connecting the device to the PC via a connection outside a network connecting the PC to a server; and running an application on the PC that launches the web browser to an initial page and uploads a web browser applet or active x object from the device to the PC via the interconnection.”

Adolfsson does not describe or suggest a method for communicating with a device including interconnecting the device to a personal computer (PC) running a web browser, where the interconnecting includes connecting the device to the PC via a connection outside a network connecting the PC to a server. Rather, Adolfsson describes connecting the network enabling input output device to a plurality of communication modules, arranged at one node or at a plurality of different nodes of a network. Accordingly, Adolfsson does not teach connecting the device to the PC via a connection outside a network that connects the PC to a server. For the reasons set forth above, Claim 1 is submitted to be patentable over Adolfsson.

Claims 2-12 depend, directly or indirectly, from independent Claim 1. When the recitations of Claims 2-12 are considered in combination with the recitations of Claim 1, Applicants submit that Claims 2-12 likewise are patentable over Adolfsson.

Claim 13 recites a system configured to allow indirect communication with a network, the system comprising “a computer; a device without a network interface and including a web browser applet or active x object, said device including one of a programmable logic controller (PLC) and an input/output (I/O) device; and an interconnection between said computer and said device, said computer configured with an interface to the network, a web browser, and an application that launches the web browser to an initial page and uploads the web browser applet or active x object from the device to the computer via said interconnection.”

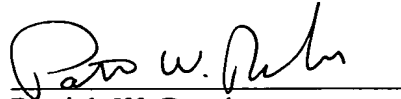
Specifically, Adolfsson does not describe or suggest a system configured to allow indirect communication with a network, the system including a device without a network interface and including a web browser applet or active x object, the device including one of a programmable logic controller (PLC) and an input/output (I/O) device. Rather, Adolfsson describes the data providing means that can be controllable and can be, for example, a camera, a measuring transducer, a card reader, a control network, equipment for automation, or a radiator. Moreover, Adolfsson describes the network interface input/output module that is a network server having the capability of receiving data from and transmitting data to the data providing means. Accordingly, Adolfsson does not teach the device as recited in Claim 13. For the reasons set forth above, Claim 13 is submitted to be patentable over Adolfsson.

Claims 14-26 depend, directly or indirectly, from independent Claim 13. When the recitations of Claims 14-26 are considered in combination with the recitations of Claim 13, Applicants submit that Claims 14-26 likewise are patentable over Adolfsson.

For the reasons set forth above, Applicants respectfully request that the Section 102 rejection of Claims 1-26 be withdrawn.

In view of the foregoing amendment and remarks, all the claims now active in this application are believed to be in condition for allowance. Reconsideration and favorable action is respectfully solicited.

Respectfully Submitted,



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